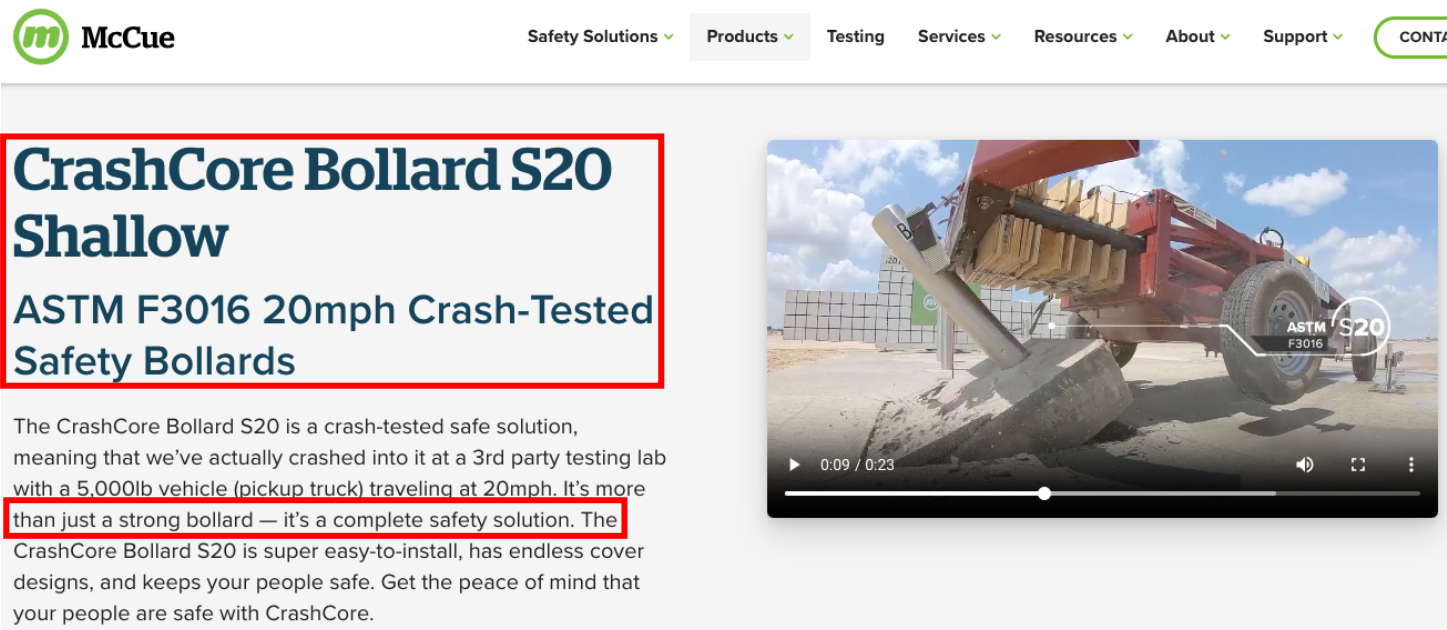
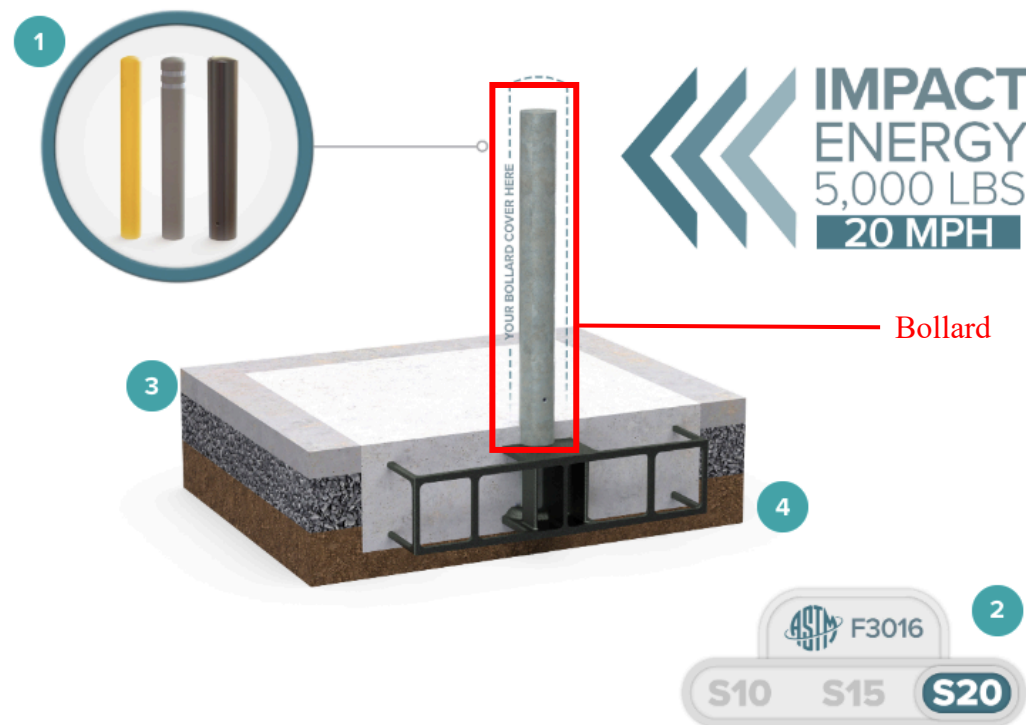


EXHIBIT B

U.S. Patent No. 8,215,865 v. McCue Corporation

1. Claim Chart

Claim	Analysis
<p>[1.P] A bollard structure comprising: at least one bollard; and</p>	<p>McCue Corporation (“Company”) makes, uses, sells and/or offers to sell a bollard structure comprising of at least one bollard.</p> <p>This element is infringed literally, or in the alternative, under the doctrine of equivalents.</p> <p>For example, Company provides a CrashCore Bollard S20 (ASTM F3016) (“bollard structure”) that includes a bollard.</p> <div data-bbox="483 673 1921 1299">  <p>CrashCore Bollard S20 Shallow ASTM F3016 20mph Crash-Tested Safety Bollards</p> <p>The CrashCore Bollard S20 is a crash-tested safe solution, meaning that we’ve actually crashed into it at a 3rd party testing lab with a 5,000lb vehicle (pickup truck) traveling at 20mph. It’s more than just a strong bollard — it’s a complete safety solution. The CrashCore Bollard S20 is super easy-to-install, has endless cover designs, and keeps your people safe. Get the peace of mind that your people are safe with CrashCore.</p> </div> <p>Source: https://www.mccue.com/products/crashcore-bollard-s20-shallow</p>



Source: <https://www.mccue.com/products/crashcore-bollard-s20-shallow> (annotated)

[1.1] a base comprising opposed ends and a plurality of structural members which intersect and are tied together, for each bollard of the bollard

Company provides a base comprising opposed ends and a plurality of structural members which intersect and are tied together, for each bollard of the bollard structure at least one first structural member extending from a first of the opposed ends of the base to a second of the opposed ends of the base in a first direction intersecting with the opposed ends, and at least one structural member extending to intersect with the at least one first structural member.

This element is infringed literally, or in the alternative, under the doctrine of equivalents.

For example, CrashCore Bollard S20 includes a Shallow Cast Cage (rebar cage) (“a base”) that comprises opposed ends and multiple iron rebars (“plurality of structural members”). Further, the iron rebars in the base of each bollard

structure at least one first structural member extending from a first of the opposed ends of the base to a second of the opposed ends of the base in a first direction intersecting with the opposed ends, and at least one structural member extending to intersect with the at least one first structural member;

extend horizontally (“first direction”) from one end (“first of the opposed ends”) to the other end (“second of the opposed ends”) of the base such that it intersects the other ends (“intersecting with the opposed ends”) of the base. Furthermore, the other iron bars of the base intersect with each other (“one structural member extending to intersect with the at least one first structural member”). In the construction industry, it is common to use rebar tie wire or spot welding for the iron rebars to hold the components of the structure together in a particular position, therefore it would be apparent to a person having ordinary skill in the art that the structural members are tied together.

they work well, they look darn good too. Don't let their clean appearances fool you – take a look inside and discover how they work!

1 Sleek Style

Our endless selection of cover designs will match any designer's aesthetic

2 Crash-Tested

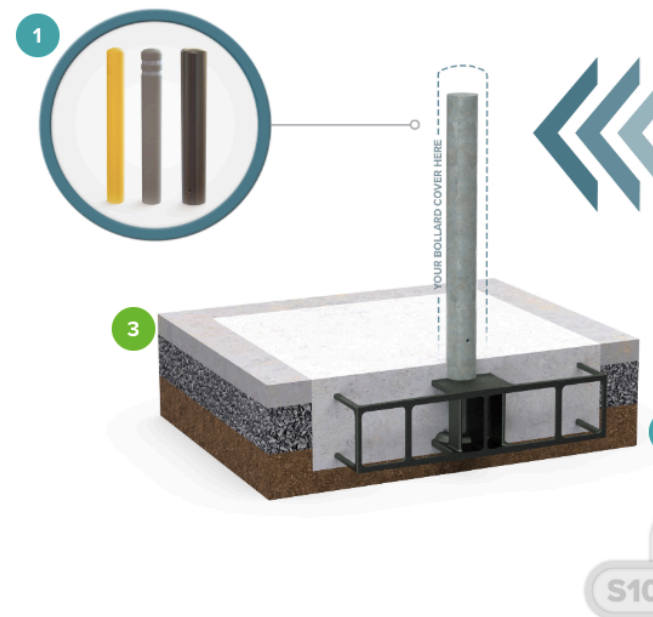
CrashCore Bollard S20 is ASTM F3016 3rd party certified to stop a 5,000 lb pickup truck traveling 20 mph.

3 Kitted System

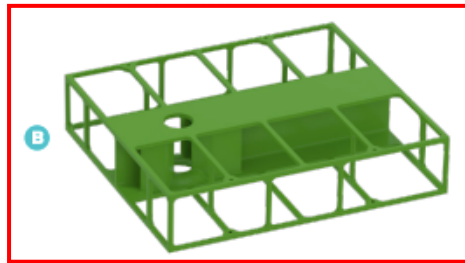
We provide everything but the concrete – core, cover, rebar cage and hardware are all included.

4 Easy to Install

CrashCore Bollards have a simple shallow installation option – so simple you can install one in less than an hour.



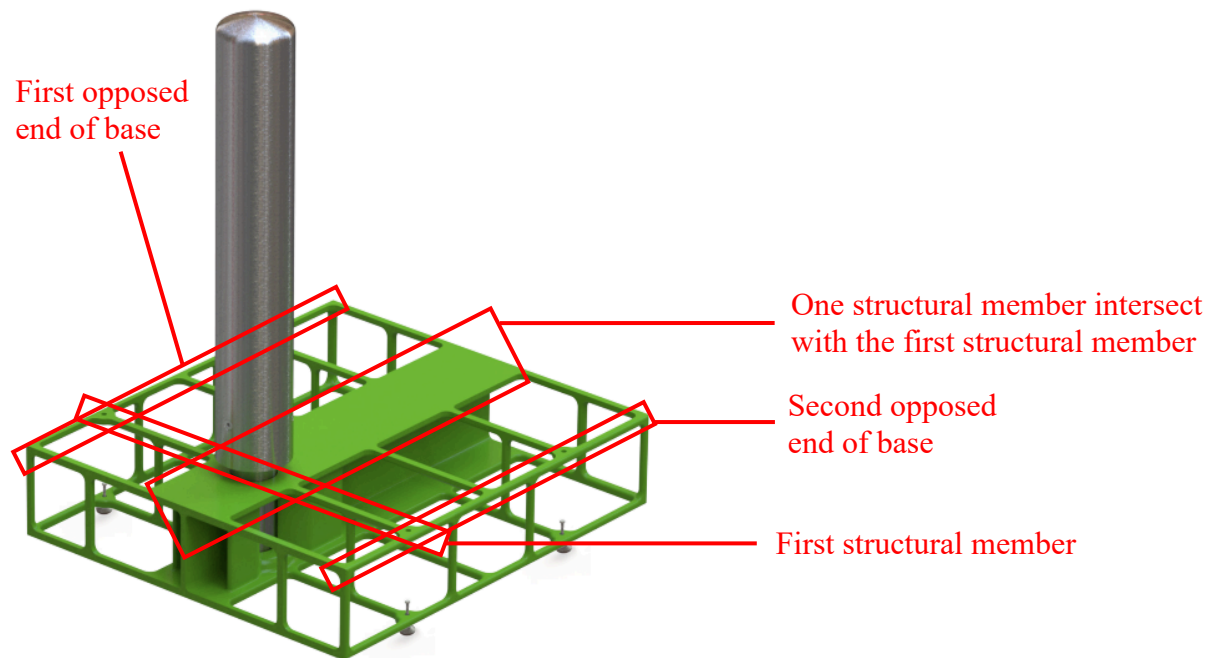
Source: <https://www.mccue.com/products/crashcore-bollard-s20-shallow>



S20 Shallow Cast Cage
(rebar cage) (“a base”)

INCLUDED COMPONENTS	PRODUCT #
A Stainless Steel Cover & Rubber Sleeve	9C003
B S20 Shallow Cast Cage	2A001
C S20 Shallow Steel Core	2A002
D Shallow Mount Hardware	2A003

Source: <https://info.mccue.com/hubfs/assets/products/crashcore-bollards/resources/McCue%20CrashCore%20Shallow%20Mount%20Installation%20Instructions.pdf>, Page 1 (annotated)

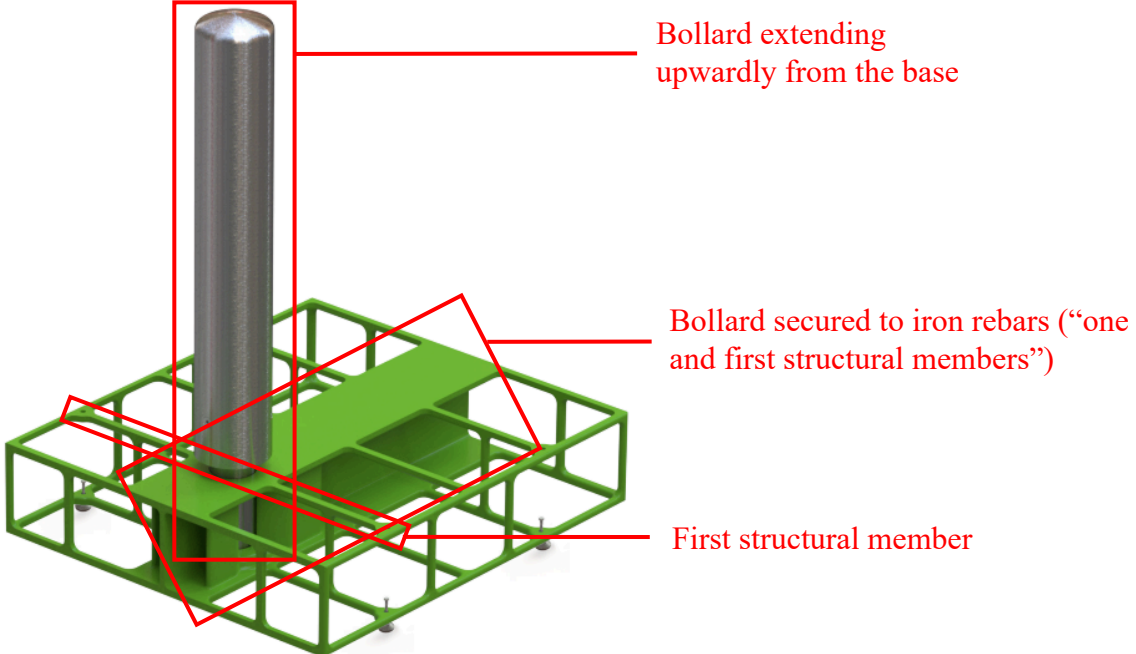


Source: <https://info.mccue.com/hubfs/assets/products/crashcore-bollards/resources/McCue%20CrashCore%20Shallow%20Mount%20Installation%20Instructions.pdf>, Page 1 (annotated)

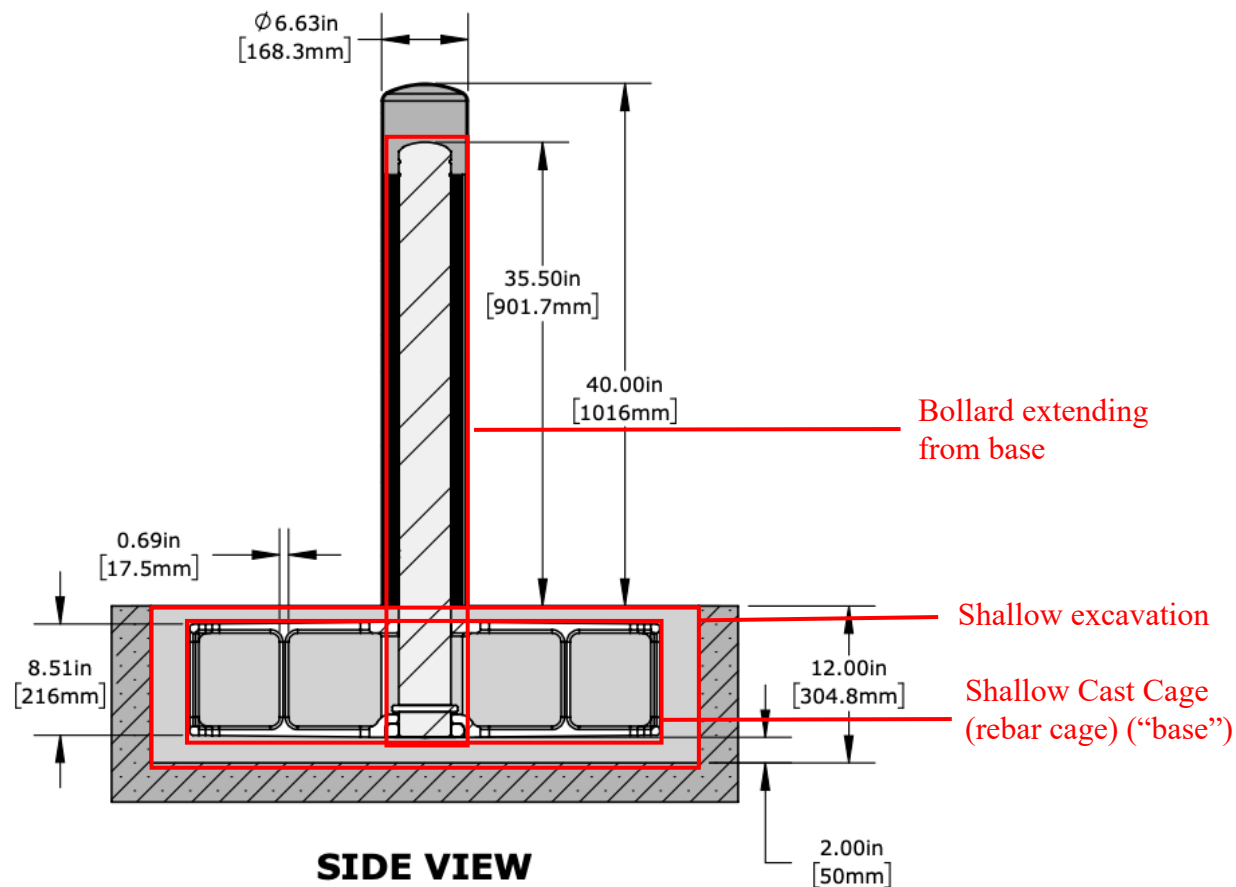
The steel rebar is fabricated and placed in the form of rebar cages with bar supports, concrete, or plastic rebar spacers. These spacers separate the steel rebar from the concrete framework that forms the concrete cover for proper embedment. These rebar cages are joined together by spot welding, steel wire, electric rebar tier, or even with mechanical connections.

Stirrups form the outer part of the rebar cage it is placed regularly along a column or beam to secure the position of structural rebar, during concrete placement. It also helps in increasing the shear capacity of reinforced concrete.

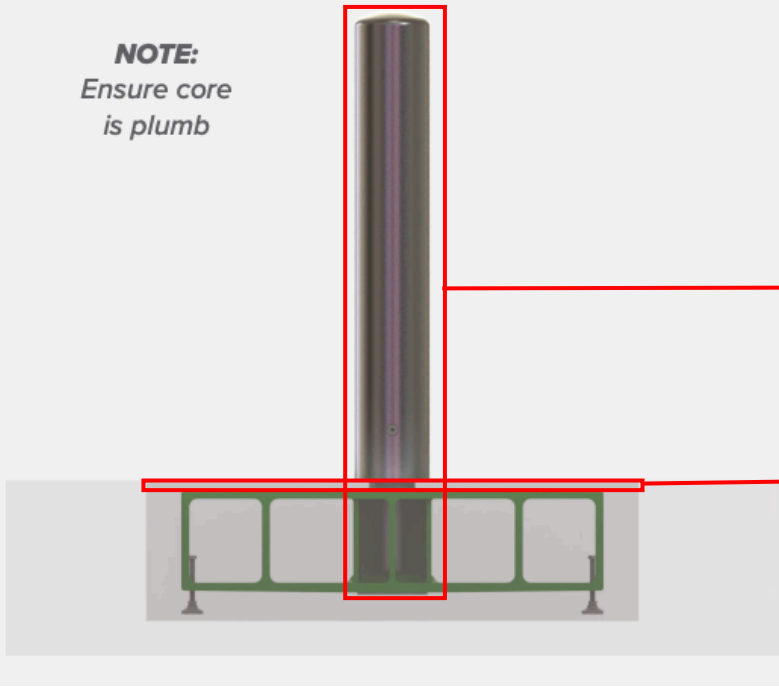
Source: <https://www.elogictech.com/blog/ideal-practices-and-methods-of-steel-rebar-placement>

<p>[1.2] each bollard being secured to at least one of the at least one first structural member and the at least one structural member of the base for the respective bollard and extending upwardly from the base so as to transmit forces applied to the at least one bollard to the base;</p>	<p>Company provides a bollard being secured to at least one of the at least one first structural member and the at least one structural member of the base for the respective bollard and extending upwardly from the base so as to transmit forces applied to the at least one bollard to the base.</p> <p>This element is infringed literally, or in the alternative, under the doctrine of equivalents.</p> <p>For example, each CrashCore Bollard S20 is secured with iron rebars (“at least one first structural member and the at least one structural member”) in the base. Further, CrashCore Bollard S20 extends upwardly from the base such that when force or impact is applied, the force is transmitted from the bollard to its base.</p>  <p>Source: https://info.mccue.com/hubfs/assets/products/crashcore-bollards/resources/McCue%20CrashCore%20Shallow%20Mount%20Installation%20Instructions.pdf, Page 1 (annotated)</p>
--	---

<p>[1.3] wherein the base is configured to be mounted in a shallow excavation with the at least one bollard extending above grade; and</p>	<p>Company provides a base which is configured to be mounted in a shallow excavation with the at least one bollard extending above grade.</p> <p>This element is infringed literally, or in the alternative, under the doctrine of equivalents.</p> <p>For example, Shallow Cast Cage (rebar cage) (“base”) is configured to be mounted in shallow excavation such that the bollard extends from the base to above the ground level (“above grade”).</p>
--	--



Source: <https://info.mccue.com/hubfs/assets/products/crashcore-bollards/resources/McCue%20CrashCore%20Shallow%20Mount%20Installation%20Instructions.pdf>, Page 3 (annotated)

	<div data-bbox="485 238 1325 1230"> <div data-bbox="485 238 625 402"> <p>8</p> </div> <div data-bbox="640 251 1266 370"> <p>Use a wrench to adjust the leveling mount hardware to ensure the cage is leveled. Top of cage is 1.5" from ground level.</p> </div> <div data-bbox="583 581 741 686"> <p>NOTE: Ensure core is plumb</p> </div> <div data-bbox="510 548 1283 1230">  </div> </div> <p>Source: https://info.mccue.com/hubfs/assets/products/crashcore-bollards/resources/McCue%20CrashCore%20Shallow%20Mount%20Installation%20Instructions.pdf, Page 5 (annotated)</p>
<p>[1.4] wherein the at least one first structural member</p>	<p>Company provides at least one first structural member or at least one structural member or both being configured or tied together to retain within the base supporting media introduced into the base when the base is mounted in the</p>

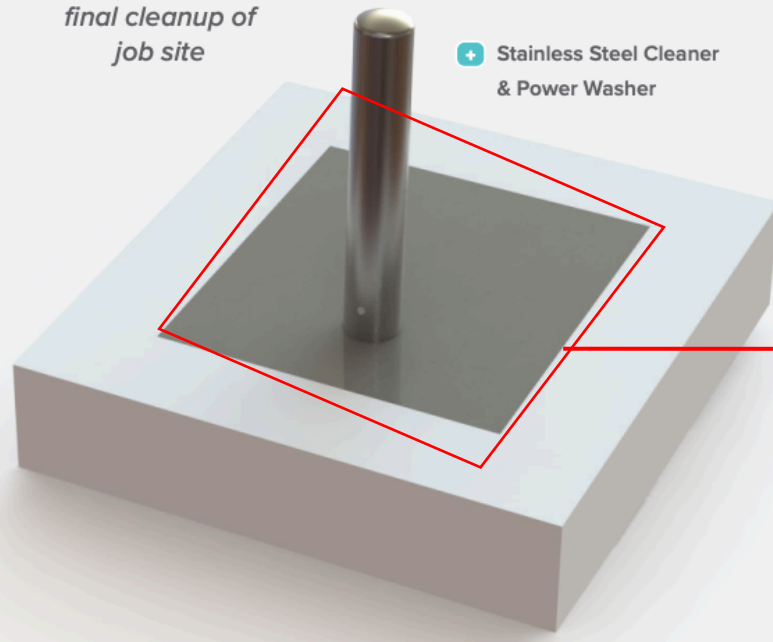
<p>or the at least one structural member or both are configured or tied together to retain within the base supporting media introduced into the base when the base is mounted in the excavation such that the rotation is resisted of a bollard or bollards and the base from an impact against the bollard or bollards.</p>	<p>excavation such that the rotation is resisted of a bollard or bollards and the base from an impact against the bollard or bollards.</p> <p>This element is infringed literally, or in the alternative, under the doctrine of equivalents.</p> <p>For example, the iron rebars (“at least one first structural member or the at least one structural member or both”) are configured to retain within the base when a concrete foundation (“supporting media”) is set up (“introduced into the base”). Since the concrete foundation holds the bollard and the base in a particular position, therefore it would be apparent to a person having ordinary skill in the art that the bollard and the base become resistant against rotation upon impact (“rotation is resisted of a bollard or bollards and the base from an impact against the bollard or bollards”).</p>
--	--

9

Pour concrete up to ground level. Quality check cleanliness of cover & installation area.

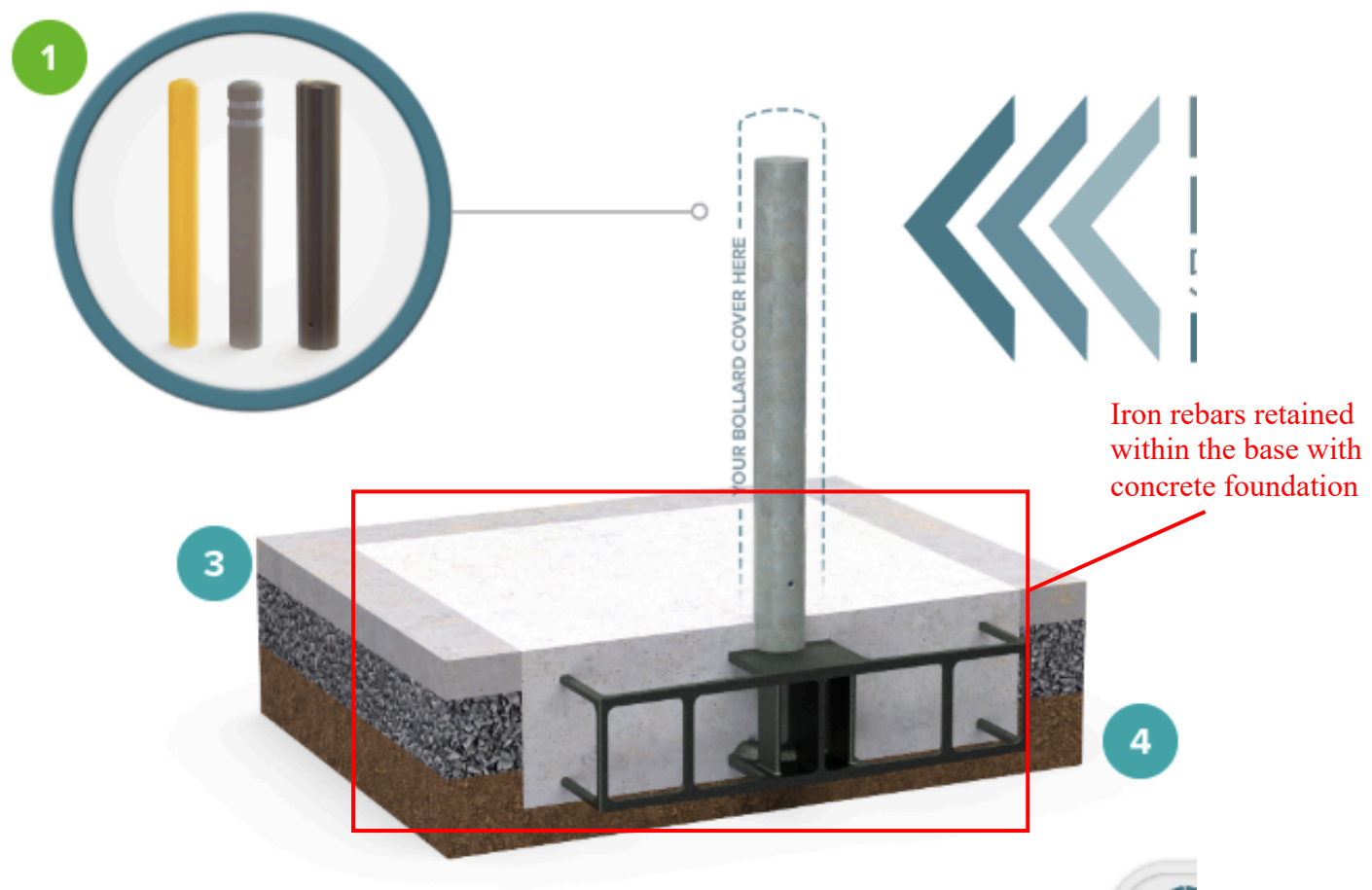
NOTE:
Perform thorough
final cleanup of
job site

+ Stainless Steel Cleaner
& Power Washer

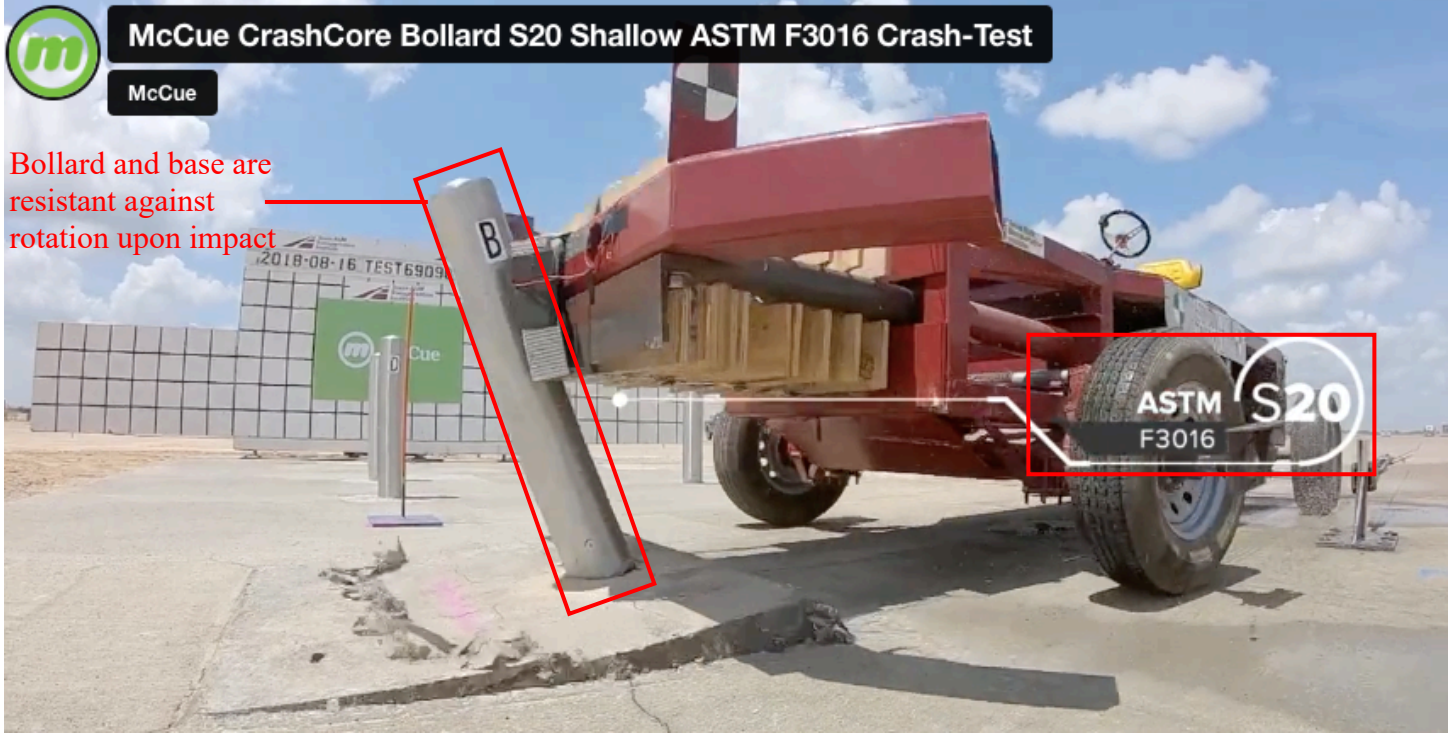


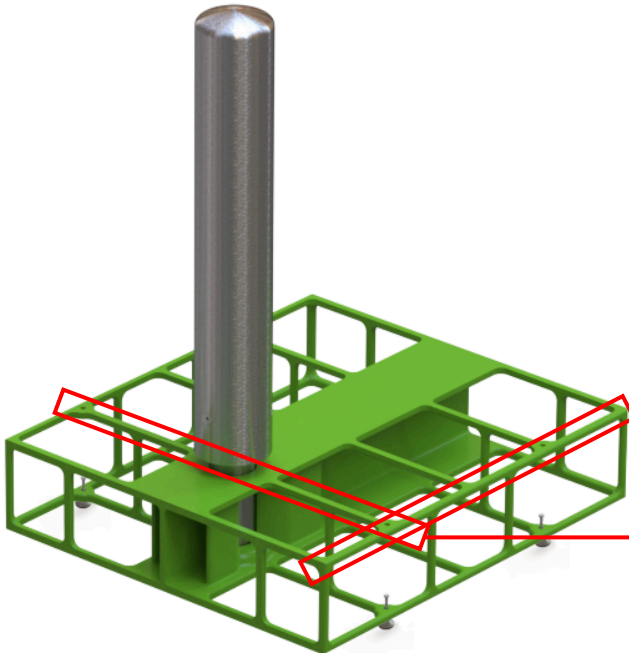
Concrete foundation
("supporting media")

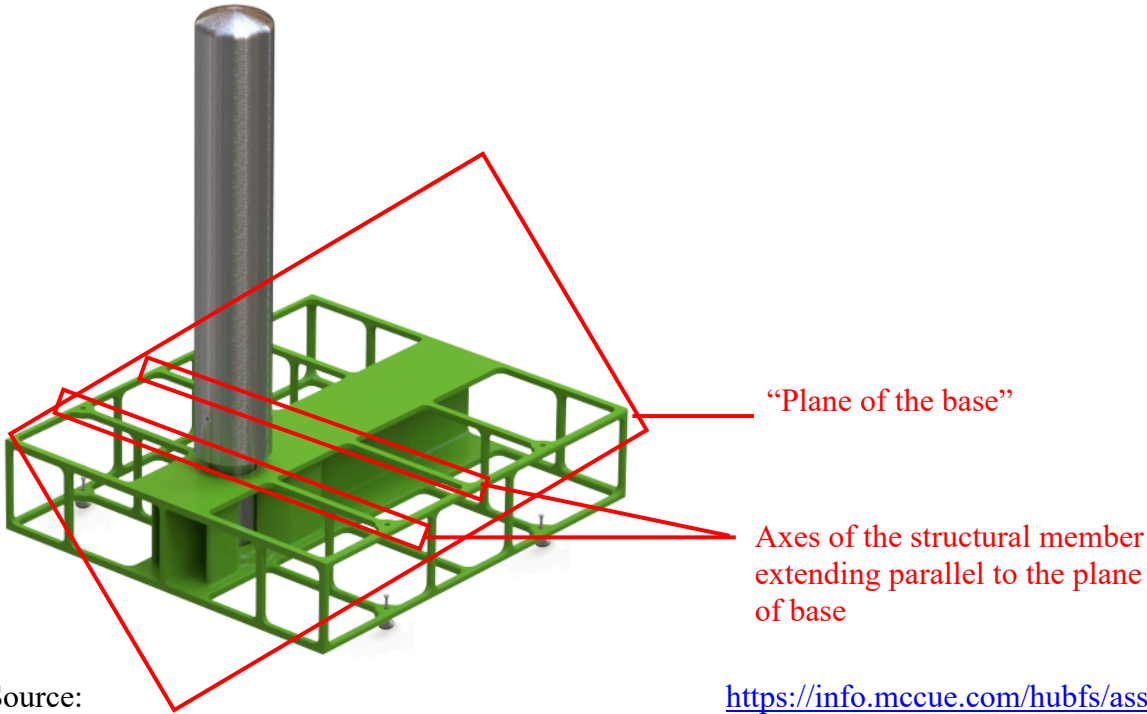
Source: <https://info.mccue.com/hubfs/assets/products/crashcore-bollards/resources/McCue%20CrashCore%20Shallow%20Mount%20Installation%20Instructions.pdf>, Page 5 (annotated)

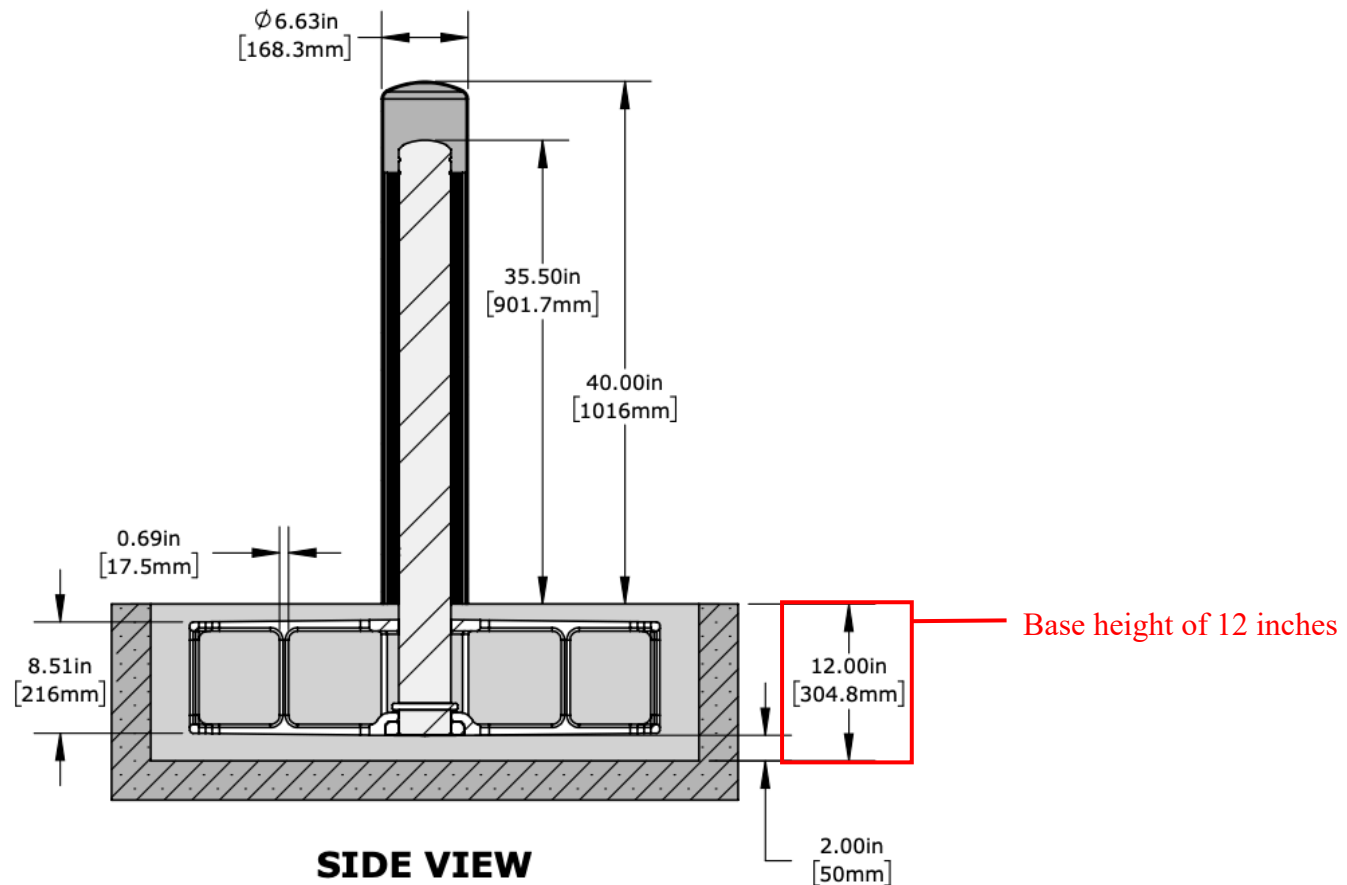


Source: <https://www.mccue.com/products/crashcore-bollard-s20-shallow> (annotated)

	 <p>The image shows a red crash test vehicle (a truck) impacting a grey bollard. The bollard is labeled 'B' and is mounted on a base. A red box highlights the bollard and its base, with a red arrow pointing to the text 'Bollard and base are resistant against rotation upon impact'. Another red box highlights the vehicle's tire, which is labeled 'ASTM S20 F3016'. The background shows a test facility with a sign that reads '2018-08-16 TEST 6909' and 'Cue'.</p> <p>Source: https://www.mccue.com/products/crashcore-bollard-s20-shallow (annotated)</p>
<p>[2] The bollard structure of claim 1, wherein at least one of the opposed ends is formed by a structural member to which an end of the at least one first structural member is secured.</p>	<p>Company provides bollard structure of claim 1, wherein at least one of the opposed ends is formed by a structural member to which an end of at least one first structural member is secured.</p> <p>This element is infringed literally, or in the alternative, under the doctrine of equivalents.</p> <p>For example, the opposed ends are formed by the structural members (“at least one of the opposed ends is formed by a structural member”) that intersect and are fixed to the first structural member (“end of the at least one first structural member is secured”).</p>

	 <p data-bbox="1255 638 1627 706">Opposed end of base formed by a structural member</p> <p data-bbox="1245 776 1596 844">First structural member secured to the opposed end</p> <p data-bbox="480 933 1934 1039">Source: https://info.mccue.com/hubfs/assets/products/crashcore-bollards/resources/McCue%20CrashCore%20Shallow%20Mount%20Installation%20Instructions.pdf, Page 1 (annotated)</p>
<p data-bbox="201 1084 459 1359">[3] The bollard structure of claim 1, wherein the intersecting structural members have axes that extend parallel to a plane of the base.</p>	<p data-bbox="480 1084 1940 1149">Company provides bollard structure of claim 1, wherein intersecting structural members have axes that extend parallel to a plane of the base.</p> <p data-bbox="480 1190 1617 1222">This element is infringed literally, or in the alternative, under the doctrine of equivalents.</p> <p data-bbox="480 1263 1940 1328">For example, the axes of all the structural members of the bollard are parallel to the internal casing (“the intersecting structural members have axes that extend parallel to a plane of the base.”).</p>

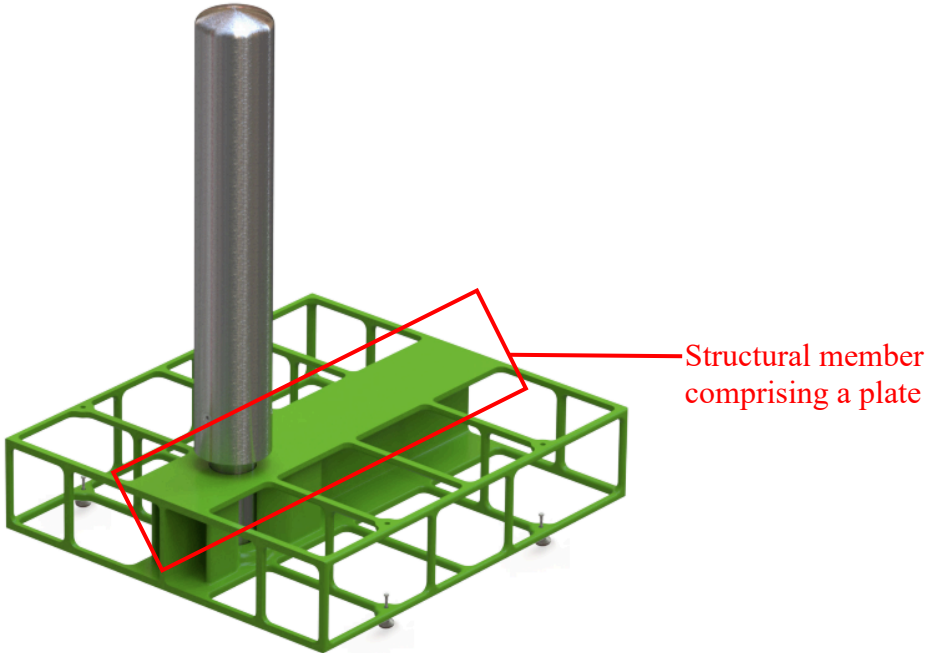
	 <p>Source: https://info.mccue.com/hubfs/assets/products/crashcore-bollards/resources/McCue%20CrashCore%20Shallow%20Mount%20Installation%20Instructions.pdf, Page 1 (annotated)</p>
<p>[4] The bollard structure of claim 1, wherein the base has a height of 3 inches to 14 inches.</p>	<p>Company provides bollard structure of claim 1, wherein the base has a height of 3 inches to 14 inches.</p> <p>This element is infringed literally, or in the alternative, under the doctrine of equivalents.</p> <p>For example, the internal casing of the bollard has a height of 12 inches (“base has a height of 3 inches to 14 inches”).</p>



Source: <https://info.mccue.com/hubfs/assets/products/crashcore-bollards/resources/McCue%20CrashCore%20Shallow%20Mount%20Installation%20Instructions.pdf>, Page 3 (annotated)

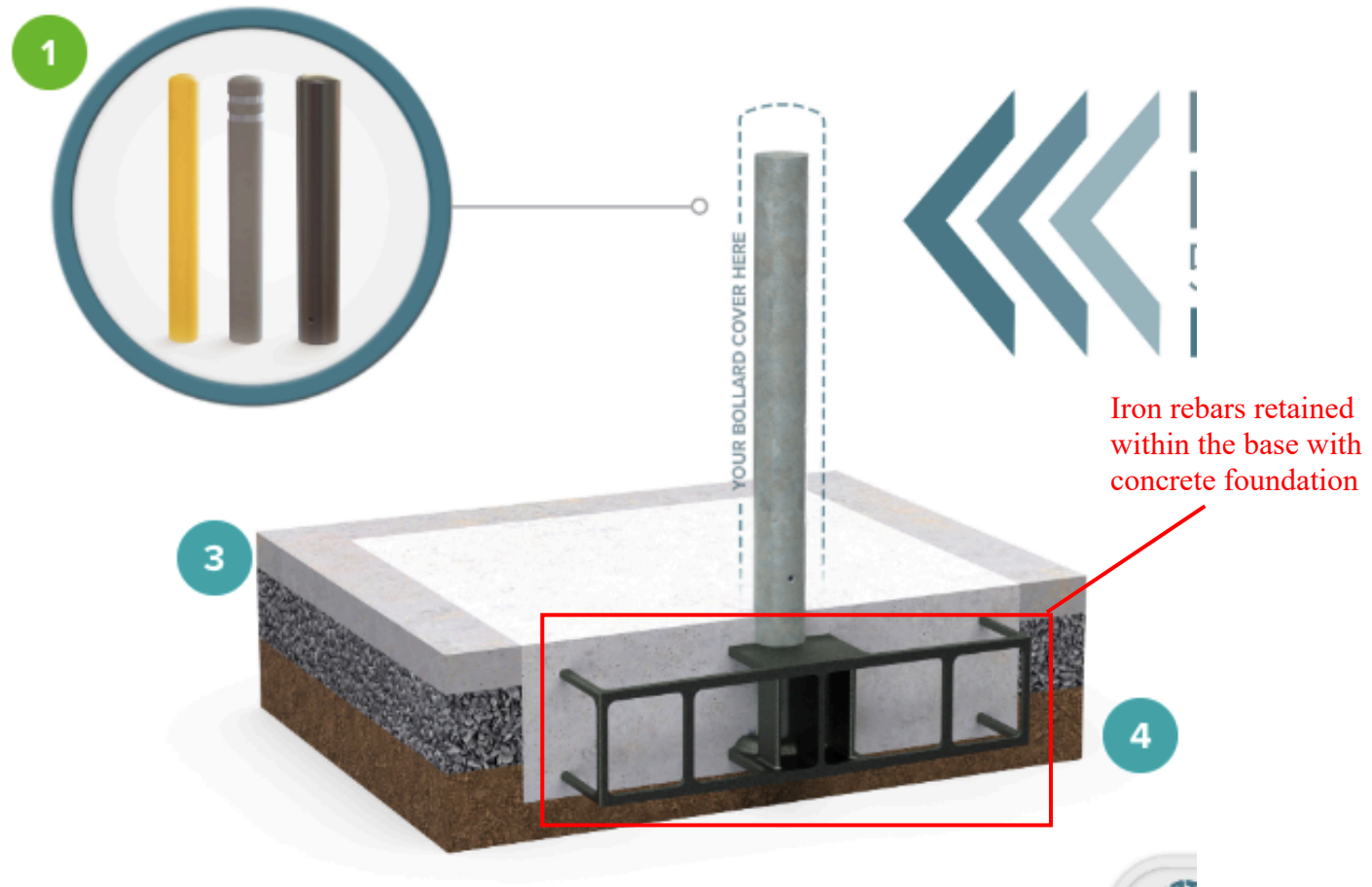
[14] The bollard structure of claim 1, wherein the

Company provides the bollard structure of claim 1, wherein the plurality of structural members comprises at least one plate.

<p>plurality of structural members comprises at least one plate.</p>	<p>This element is infringed literally, or in the alternative, under the doctrine of equivalents.</p> <p>For example, the structural member of the base contains a plate (“structural members comprises at least one plate”) just below the bollard.</p>  <p>Structural member comprising a plate</p> <p>Source: https://info.mccue.com/hubfs/assets/products/crashcore-bollards/resources/McCue%20CrashCore%20Shallow%20Mount%20Installation%20Instructions.pdf, Page 1 (annotated)</p>
<p>15. The bollard structure of claim 1, wherein the plurality of structural members</p>	<p>Company provides the bollard structure of claim 1, wherein the plurality of structural members comprise structural steel members.</p> <p>This element is infringed literally, or in the alternative, under the doctrine of equivalents.</p>

comprise structural steel members.

For example, the bollard structure is secured to the base through plurality of iron rebars (“structural members comprise structural steel members”).



Source: <https://www.mccue.com/products/crashcore-bollard-s20-shallow> (annotated)

2. List of References

1. <https://www.mccue.com/products/crashcore-bollard-s20-shallow>, last accessed on July 19, 2024.
2. <https://info.mccue.com/hubfs/assets/products/crashcore-bollards/resources/McCue%20CrashCore%20Shallow%20Mount%20Installation%20Instructions.pdf>, last accessed on July 19, 2024.
3. <https://www.elogictech.com/blog/ideal-practices-and-methods-of-steel-rebar-placement>, last accessed on July 19, 2024.